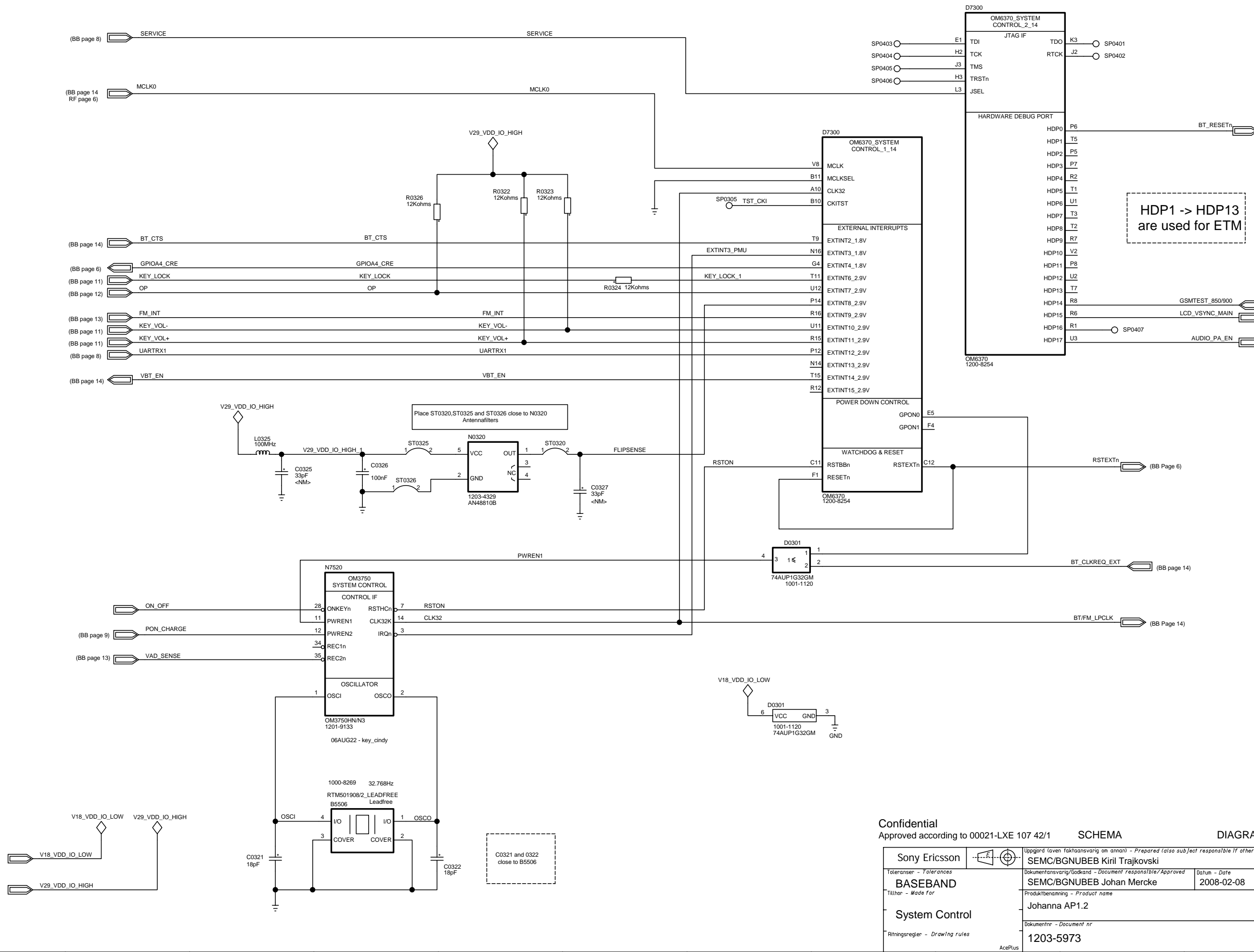


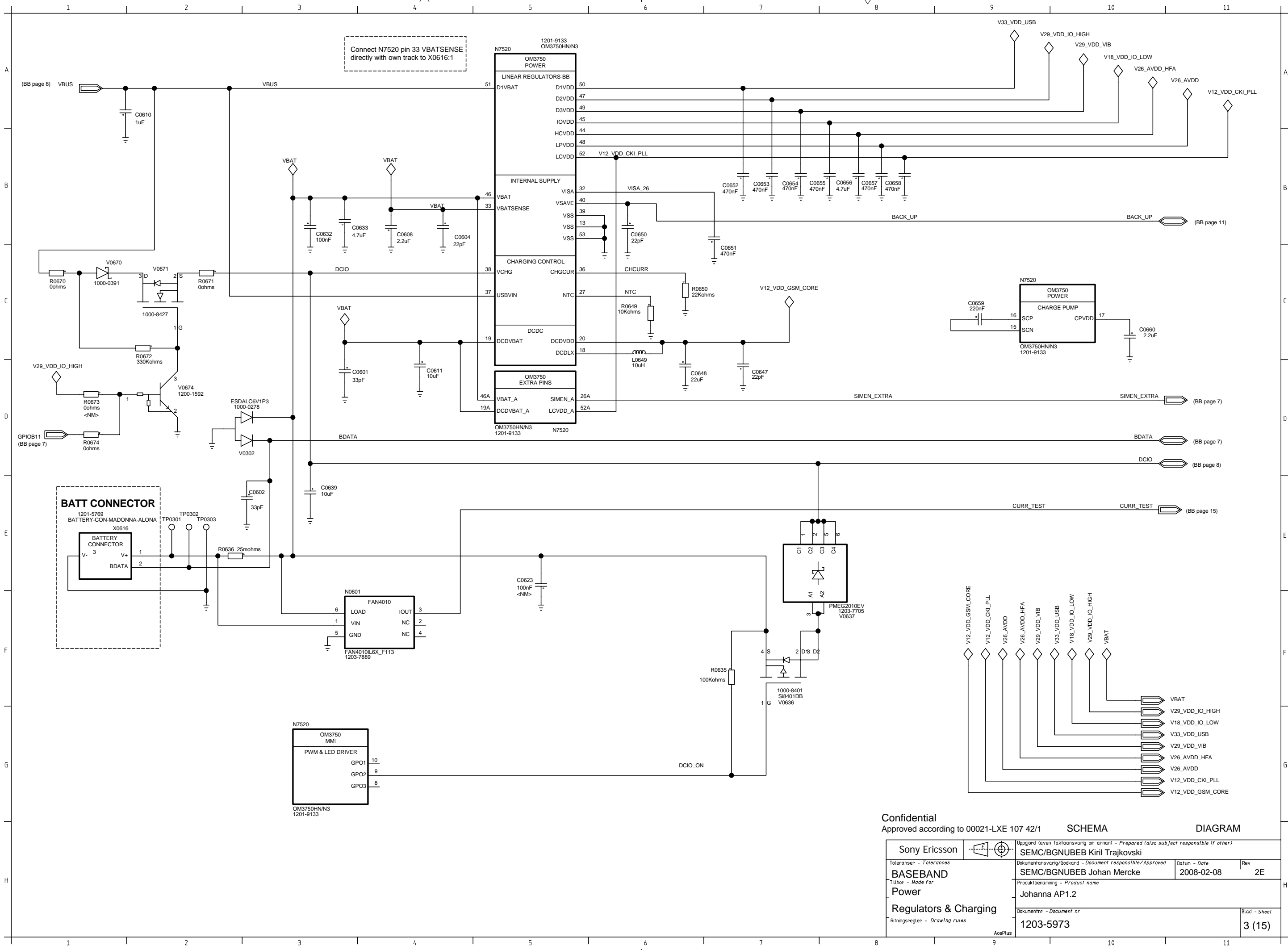
LZF 030 102/F RB

1 2 3 4 5 6 7 8 9 10 11

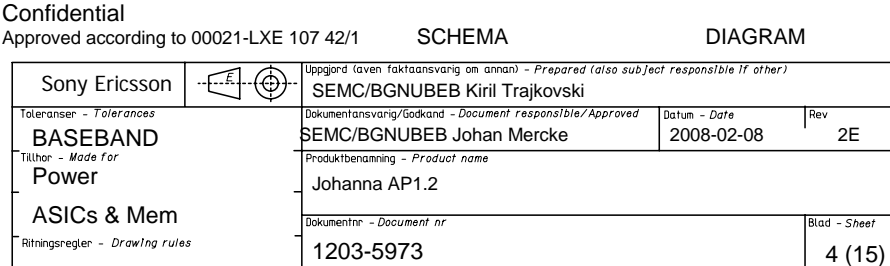
A  
B  
C  
D  
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H



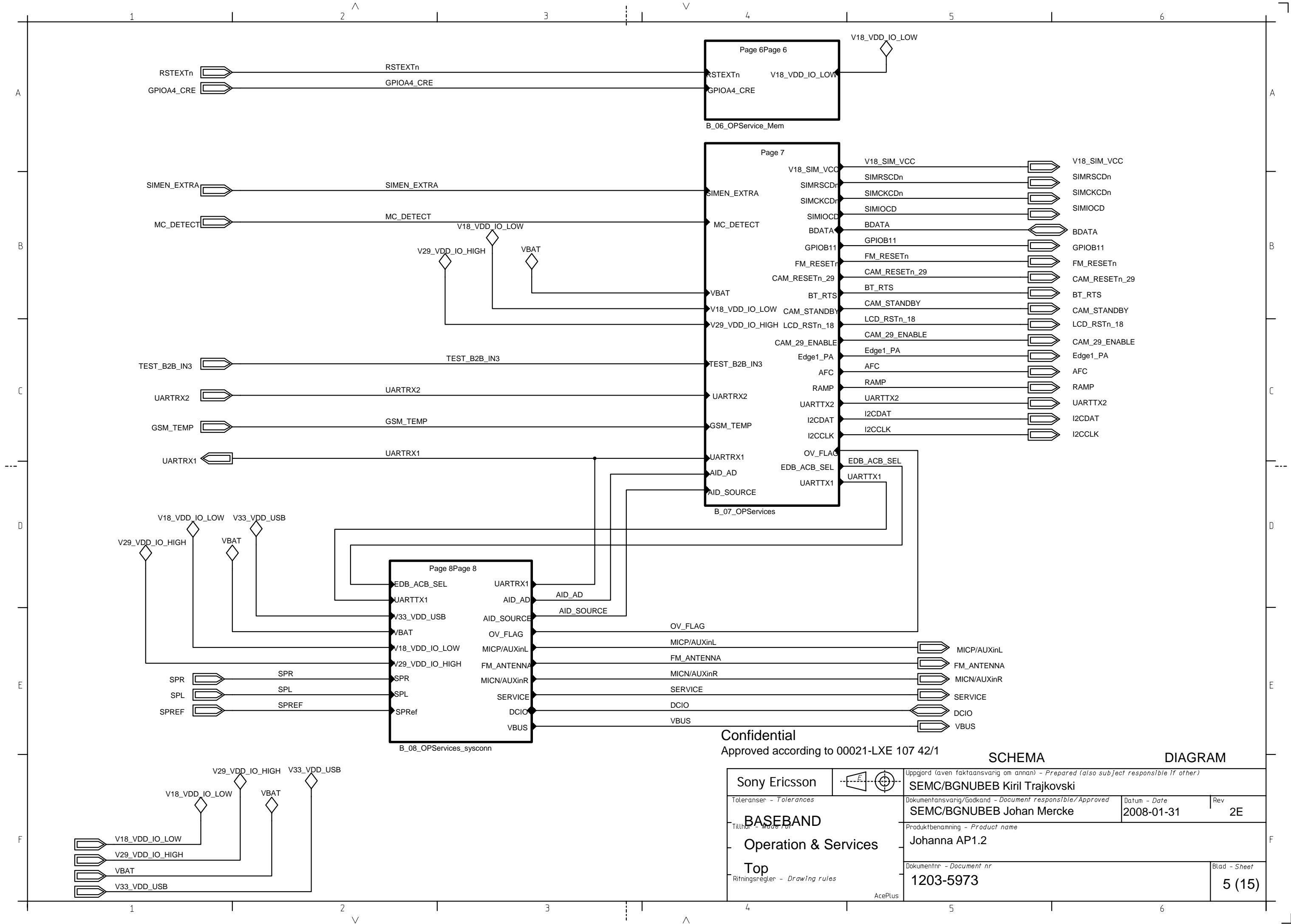
Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Uppgord (aven faktaansvarig om annan) - Prepared (also sub[ject] responsible if other)		SEMC/BGNUBEB Kiril Trajkovski			
Toleransen - Tolerances		Dokumentansvarig/Godkand - Document responsible/Approved		Datum - Date		Rev	
BASEBAND		SEMC/BGNUBEB Johan Mercke		2008-02-08		2E	
Tillhor - Made for		Produktbenamning - Product name					
System Control		Johanna AP1.2					
Ritningsregler - Drawing rules		Dokumentnr - Document nr				Blad - Sheet	
		1203-5973				2 (15)	



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Sony Ericsson		Uppgord (aven faktaansvarig om annan) - Prepared (also sub[ject responsible if other)		SEMC/BGNUBEB Kiril Trajkovski			
Toleransen - Tolerances		Dokumentansvarig/Godkand - Document responsible/Approved		Datum - Date		Rev	
BASEBAND		SEMC/BGNUBEB Johan Mercke		2008-02-08		2E	
Tillhor - Made for		Produktbenamning - Product name					
Power		Johanna AP1.2					
Regulators & Charging		Dokumentnr - Document nr					
Ritningsregler - Drawing rules		1203-5973					
		Blad - Sheet					
		3 (15)					



LZF 030 103/F RB

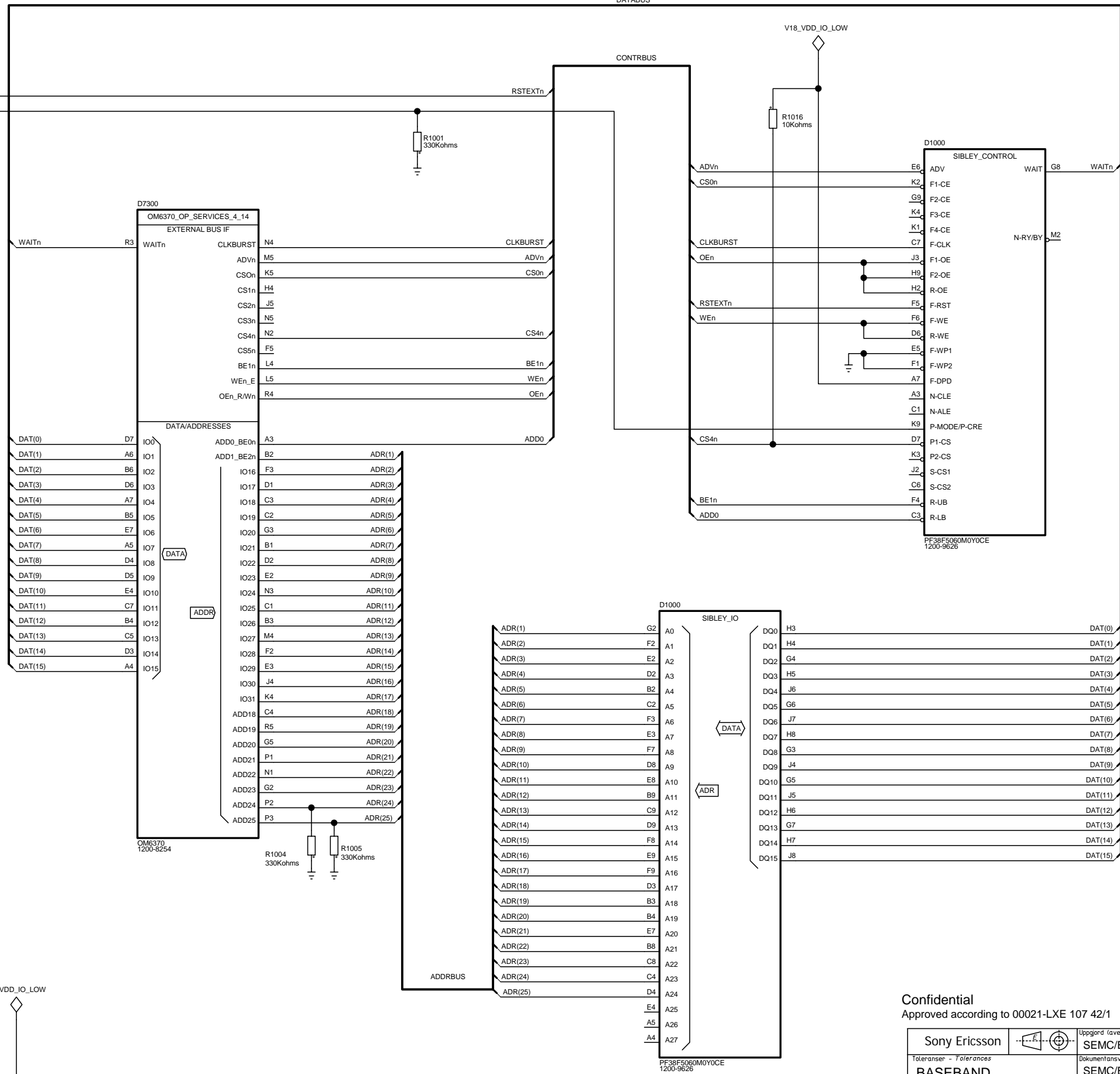


(BB page 2)  
(BB page 2)

RSTEXTn  
GPIOA4\_CRE

V18\_VDD\_IO\_LOW

V18\_VDD\_IO\_LOW



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Approved according to 00021-LXE 107 42/1  
SCHEMA  
DIAGRAM

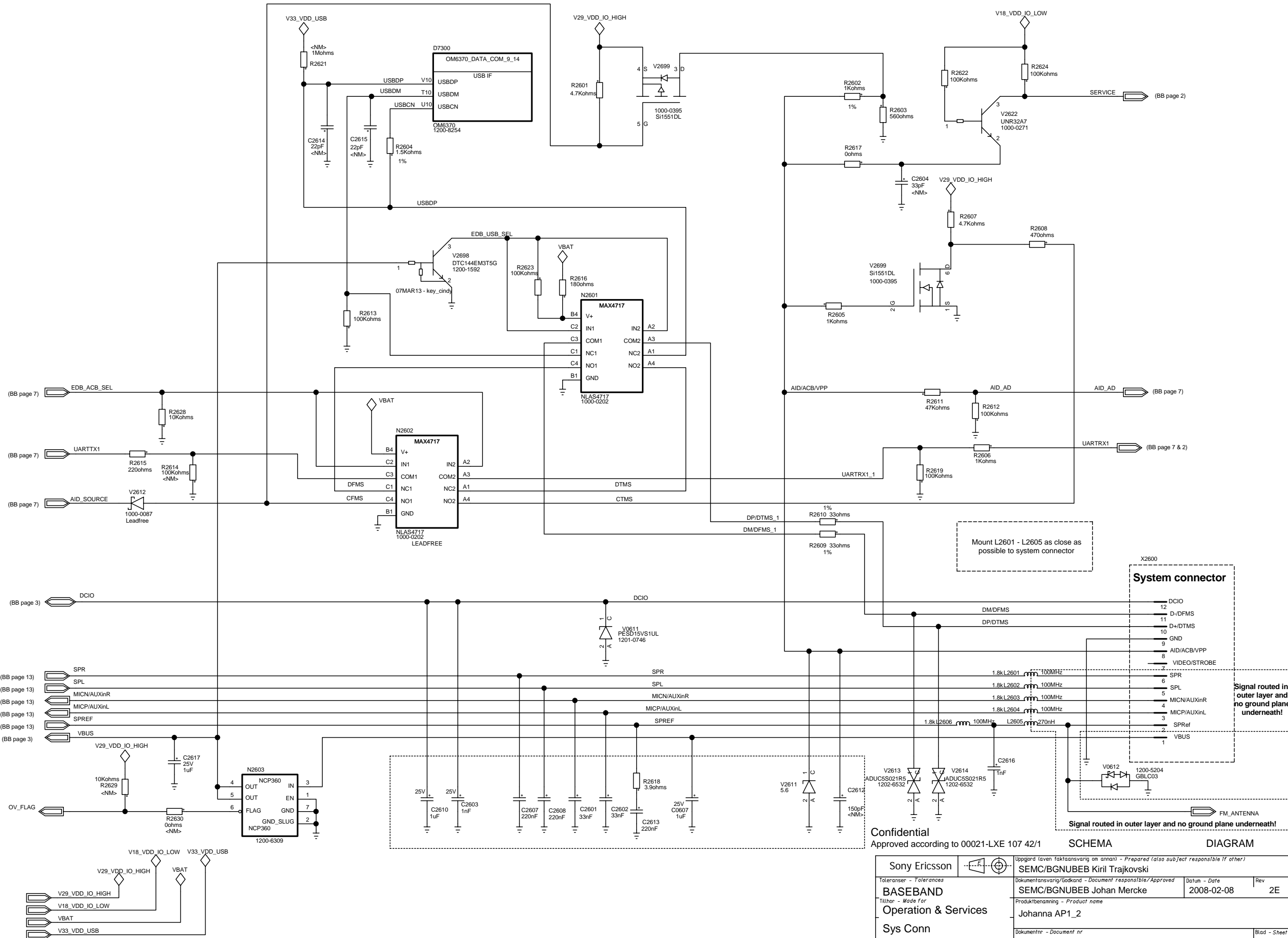
Sony Ericsson		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
Toleransen - Tolerances		SEMCM/BGNUBEB Kiril Trajkovski	
Tillhör - Made for		SEMCM/BGNUBEB Johan Mercke	
Operation & Services		Johanna AP1.2	
Memories		Datum - Date	
Ritningsregler - Drawing rules		2008-02-08	
Rev		2E	
Blad - Sheet		6 (15)	



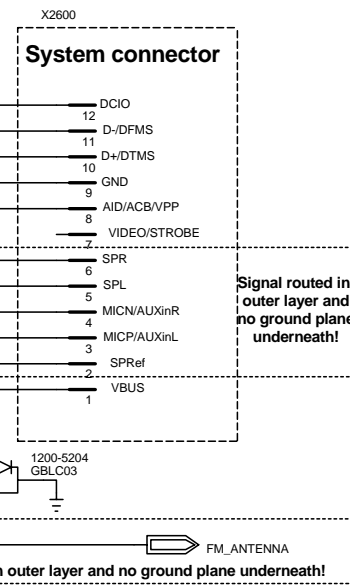
1 2 3 4 5 6 7 8 9 10 11

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H



Mount L2601 - L2605 as close as possible to system connector

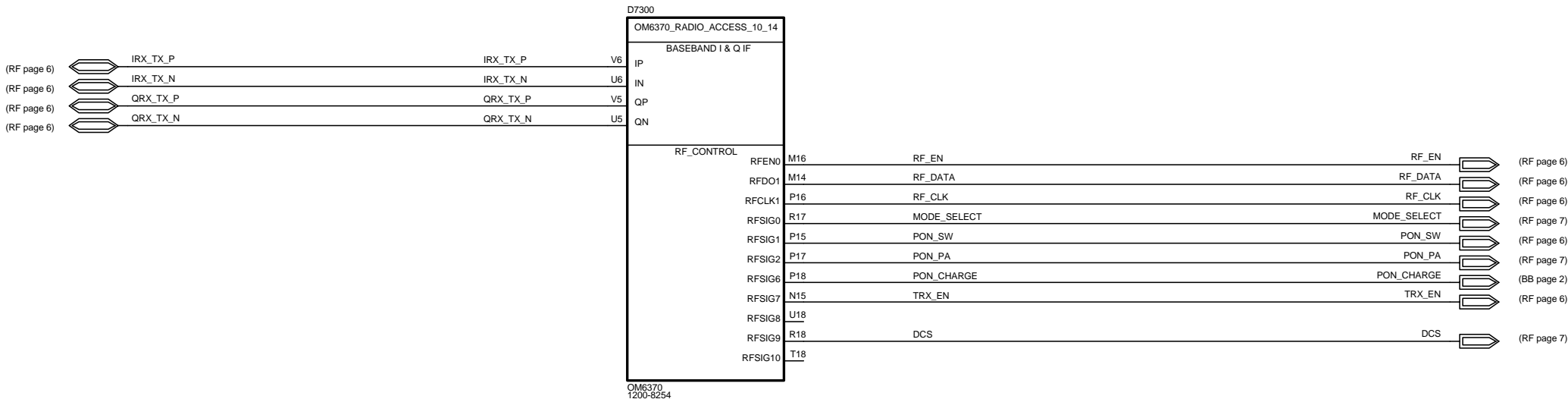


Signal routed in outer layer and no ground plane underneath!

Signal routed in outer layer and no ground plane underneath!

Confidential		SCHEMA		DIAGRAM	
Approved according to 00021-LXE 107 42/1					
Sony Ericsson		Uppgord (aven faktaansvarig om annan) - Prepared (also subject responsible if other)			
Toleransen - Tolerances		SEM/C/BGNEB Kiril Trajkovski			
BASEBAND		Dokumentansvarig/Godkänd - Document responsible/Approved		Datum - Date	
Tillhör - Made for		SEM/C/BGNEB Johan Mercke		2008-02-08	
Operation & Services		Produktbenämning - Product name		2E	
Sys Conn		Johanna AP1_2			
Ritningsregler - Drawing rules		Dokumentnr - Document nr		Blad - Sheet	
AcePlus		1203-5973		8 (15)	





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SCHEMA

DIAGRAM

Sony Ericsson		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)		
BASEBAND		SEMC/BGNUBEB Kiril Trajkovski		
Toleransen - Tolerances		Dokumentansvarig/Sodkand - Document responsible/Approved		Rev
Tillhor - Made for		SEMC/BGNUBEB Johan Mercke		2E
Radio Access		Produktbenämning - Product name		
Ritningsregler - Drawing rules		Johanna AP1.2		
		Dokumentnr - Document nr		Blad - Sheet
		1203-5973		9 (15)

LZF 030 102/F RB

1 2 3 4 5 6 7 8 9 10 11

A

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

V18\_SIM\_VCC  
SIMRSCDn  
SIMCKCDn  
SIMIOCD

MC\_DATA0  
MC\_DATA1  
MC\_DATA2  
MC\_DATA3  
MC\_CLK  
MC\_CMD  
MC\_VREG\_ENABLE

V18\_VDD\_IO\_LOW

V29\_VDD\_IO\_HIGH

V29\_VDD\_VIB

VBAT

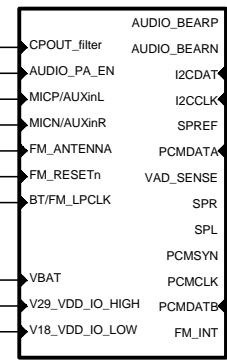
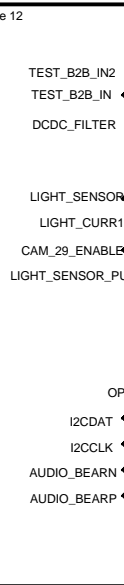
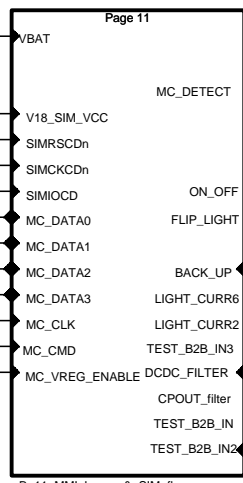
CAM\_RESETh\_29  
LCD\_RSTn\_18

LCD\_VSYNC\_MAIN  
CAM\_STANDBY  
KEY\_VOL+  
KEY\_VOL-  
KEY\_LOCK

AUDIO\_PA\_EN  
MICP/AUXinL  
MICN/AUXinR  
FM\_ANTENNA  
FM\_RESETh  
BT/FM\_LPCLK

VBAT  
V29\_VDD\_IO\_HIGH  
V29\_VDD\_VIB  
V18\_VDD\_IO\_LOW

VBAT



MC\_DETECT  
ON\_OFF  
FLIP\_LIGHT  
BACK\_UP  
LIGHT\_CURR6  
LIGHT\_CURR2  
TEST\_B2B\_IN3  
DCDC\_FILTER  
CPOUT\_filter  
TEST\_B2B\_IN  
TEST\_B2B\_IN2

MC\_DETECT  
ON\_OFF  
FLIP\_LIGHT  
BACK\_UP  
LIGHT\_CURR6  
LIGHT\_CURR2  
TEST\_B2B\_IN3

DCDC\_FILTER  
LIGHT\_SENSOR  
LIGHT\_CURR1  
CAM\_29\_ENABLE  
LIGHT\_SENSOR\_PU

OP  
I2CDAT  
I2CCLK

CPOUT\_filter

SPREF  
PCMDATA  
VAD\_SENSE  
SPR  
SPL  
PCMSYN  
PCMCLK  
PCMDATB  
FM\_INT

Confidential

Approved according to 00021-LXE 107 42/1

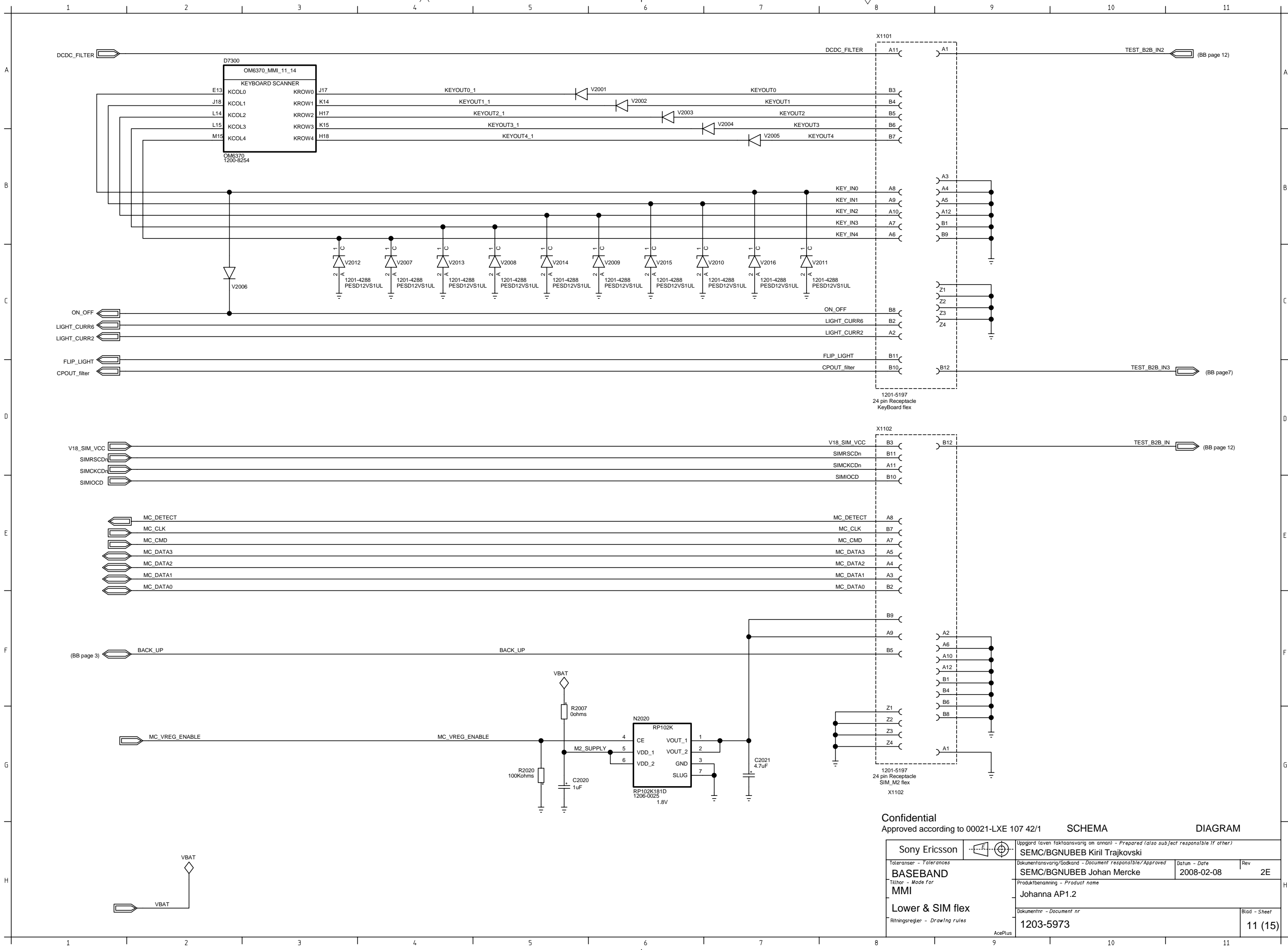
SCHEMA

DIAGRAM

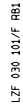
Sony Ericsson		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)		
Toleranser - Tolerances		SEMCC/BGNUBEB Kiril Trajkovski		
Tillhör - Made for		Dokumentansvarig/Sodkand - Document responsible/Approved		Rev
BASEBAND		SEMCC/BGNUBEB Johan Mercke		2E
MMI		Produktbenämning - Product name		
Top		Johanna AP1.2		
Ritningsregler - Drawing rules		Dokumentnr - Document nr		Blad - Sheet
		1203-5973		10 (15)

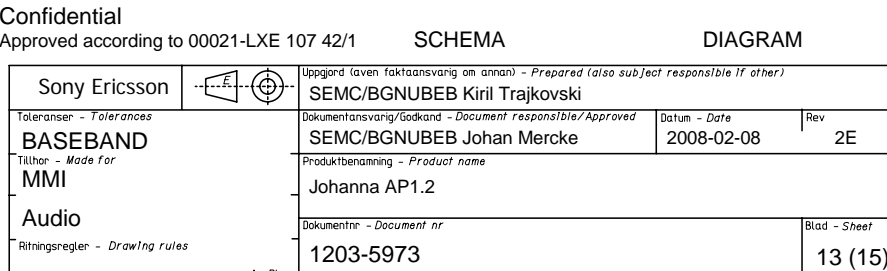
1 2 3 4 5 6 7 8 9 10 11

8

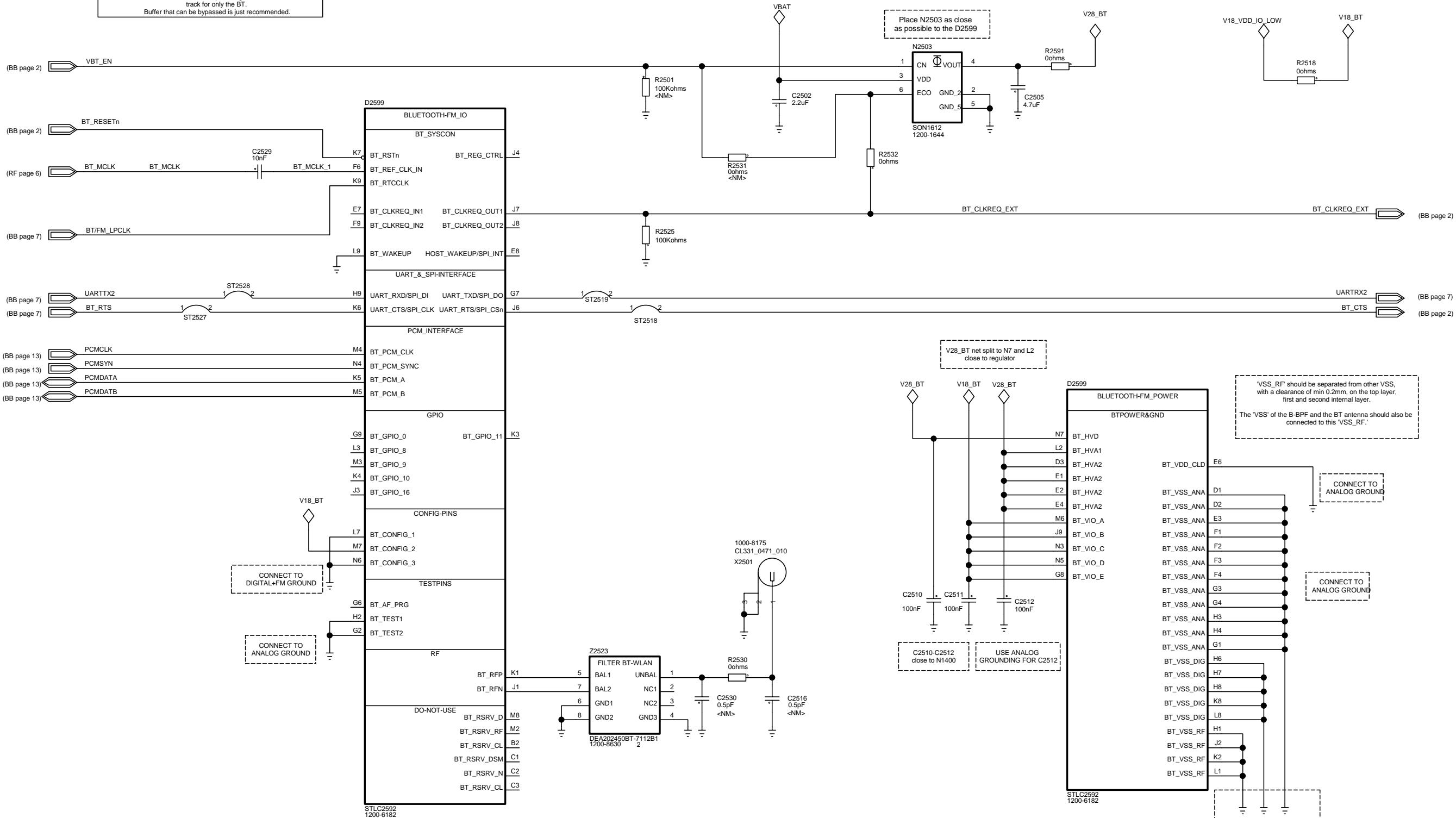


Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)		SEMC/BGNUBEB Kiril Trajkovski		Datum - Date	
Toleransen - Tolerances		Dokumentansvarig/Sodkand - Document responsible/Approved		2008-02-08		Rev	
BASEBAND		SEMC/BGNUBEB Johan Mercke		2008-02-08		2E	
Tillhor - Made for		Produktbenämning - Product name		Johanna AP1.2			
Lower & SIM flex		Dokumentnr - Document nr		1203-5973		Blad - Sheet	
Ritningsregler - Drawing rules						11 (15)	





The routing of MCLK should be done with extra care, i.e. to avoid noisy signals. It is crucial that the reference clock supplied to BT is free of noise to be able to guarantee a good radio performance. Especially cross talks from surrounding digital signals must be avoided. The MCLK should be route in a starpoint at generation, with a dedicated track for only the BT. Buffer that can be bypassed is just recommended.



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Sony Ericsson		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)		SEMC/BGNUBEB Kiril Trajkovski		Datum - Date	
Toleransen - Tolerances		Dokumentansvarig/Sodkand - Document responsible/Approved		2008-02-08		Rev	
Tillhor - Made for		SEMC/BGNUBEB Johan Mercke		2008-02-08		2E	
Produktbenämning - Product name		Johanna AP1.2					
Ritningsregler - Drawing rules		Dokumentnr - Document nr		1203-5973		Blad - Sheet	
						14 (15)	

